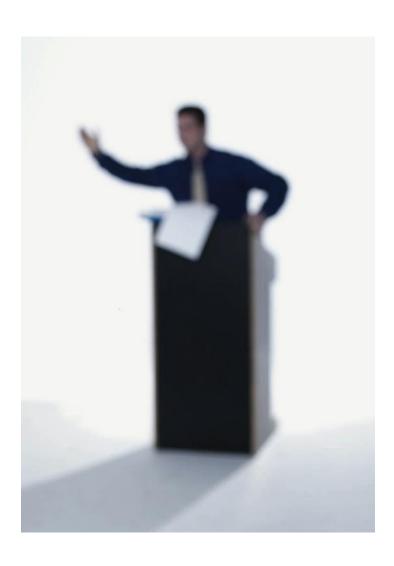
BUSINESS CASE OF SAFETY

Examples Lived for Success





Speaker



- James Boretti, CSP
 - 30 years +
 - CSP
 - ASSP
 - Professional Member
 - RVP ROC I
 - Former CoPA, Finance Committee, BoSC, ARVP, President, CVC and President, OC Chapter

What Motivates Organizations?



Why Safety

- Maintaining Profitability
- Concern for the Well Being of Employees
- Insurance Company Pressure / High Ex-Mod
- OSHA Regulations
- Company Reputation



Executive Summit

What do they say ...



Business Executives Say

- 95% Believe workplace safety has a positive impact on financial performance
 - 24% Substantial positive impact
- 86% Feel workplace safety provides return on investment
 - 61% = \$3.00 + saved for each \$1.00 invested
 - 13% = \$10.00 returned for each \$1.00 invested
- 93 % Close relationship between the direct and indirect costs
 - 40 % feel \$3.00 \$5.00 indirect for \$1.00 direct
- 82 % Feel company currently places a priority on workplace safety
- 70% Protecting employees leading benefit of workplace safety
 - 49% Protecting employees from the human and financial costs is the top benefit

Liberty Mutual Executive Survey of Workplace Safety

CoPA Study

- Plans and reacts strategically
- Transforms data/insights into practical solutions
- Develop methods that integrate safety performance into business productivity
- Aligns the group's project plans with overall business strategy
- Understands financial related terms and information
- Evaluates proposed investments against their projected payoff

CoPA Study

Assess the probability ar







- Situation:
 - Production
 - = 1800 units / hour
 - Concern
 - Machine "jam" every third unit
 - = ½ seconds per "un-jam"



```
1800 / hour = 30 / minute = ½ per second
24 / minute with current "un-jam" rate
= 1440 / hour
```

- Task: Loading 1,000-pound plastic rolls into a packaging machine
- Steps:
 - Place pallet of two plastic rolls onto the tilting table
 - Unwrap the rolls
 - Tip the rolls to vertical position
 - Manually push one roll at a time into a position
 - Place steel bar in the roll
 - Attach to lifting device
 - Raise the roll
 - Placing onto 4-wheel cart
 - Pushing cart over 100 feet to the room
 - Place cart in a position to feed the machine

Statistics:

- ≅ number of rolls moved per day = 4
- ≅ weight of one plastic roll = 1,000 lbs.
- • ≅ time to move one roll from pallet to machine = 20 min.
 - = 400 minutes per week
- ≅ time one roll lasts on the machine
 = 4 hours
- • amount of product loss during water rinse to change roll = 150 lbs.
 - = 600 pounds per day





- Combination mobile rotating / lifting device
 - Potential to shorten the entire process to approximately 4 to 5 minutes or less
 - Eliminating manual handling steps



- Estimated Investment:
 - **•** \$3,000

CURRENT PROCESS	ALTERNATE PROCESS	ESTIMATED SAVINGS
1 Unwran two roll nacks on	1 University of the language	O minutes (rolls have to be

Total Savings:

- Time reduction from 20 minutes to 5 minutes or less every 4 hours
 - = saving 300 minutes of production time per week
- Elimination of approximately 150 lbs. of lost product per cycle
- Near elimination of back strain / sprain and fall potential
- Reduction of maintenance required to maintain tilting device and carts

	room.			- I /
5.	Cart is positioned so the roll can be fed into the packaging machine.	5.	Device positions the roll so it can be fed into the packaging machine.	2 – 3 minutes

What Do You See? Hazards?

Discussion:
What is the maximum allowable combustible dust?



Reframe: what is your shrinkage?

Society

• Why Join?



Why People Join

- To get a job
- Network
- Boss told me to
- Invited to
- Professional development
- Pad resume
- Want to have an impact
- Have friends in the organization

Focus meetings on professional development and networking

Value of Society Membership

- Development in:
 - Leadership
 - Running an Organization
 - Vision & Direction
 - Technical Knowledge
 - Advocacy



Keep in Mind ...

- It's all about
 - How You Solve Problems
 - How You Are Experienced
 - Including how people view you



Thank You!

